AMENDMENTS TO THE CLAIMS

Claims 1-17 (Canceled)

Claim 18 (Currently Amended) A reproduction apparatus, comprising:

a reproducing means for reading information stored in a <u>recording-record</u> medium and reproducing-this the information;

a skip-operation accepting means for arbitrarily accepting-either one of an instruction for a forward reproduction-position skip-or and an instruction for a backward reproduction-position skip;

a skip-time determining means for making a skip time for either one of the forward reproduction-position skip and the backward reproduction-position skip longer than [[a]] the skip time for another of the forward reproduction-position skip and the backward reproduction-position skip the other, and determining [[a]] the skip time for one of the forward reproduction-position skip and the backward reproduction-position skip based on the one either of the instruction for the forward reproduction-position skip and the instruction for the backward reproduction-position skip which is accepted by the skip-operation accepting means; and

a controlling means for, when if the skip-operation accepting means accepts one of the either instruction for the forward reproduction-position skip-or and the instruction for the backward reproduction-position skip during a reproduction in by the reproducing means, then stopping the reproduction by in the reproducing means, moving the a reading position in, from which the reproducing means reads the information from the record recording medium, by the skip time determined, for the one of the forward reproduction-position skip and the backward

<u>reproduction-position skip</u>, by the skip-time determining means, and resuming the reproduction after the <u>moving-movement</u> of the reading position is completed;

a forward skip-operation elapse-time clocking means for clocking an elapsed time that

has elapsed since a last instruction has been accepted for the forward reproduction-position skip;

and

a backward-skip deciding means for deciding whether or not the elapsed time clocked by
the forward skip-operation elapse-time clocking means has exceeded a predetermined time, when
the skip-operation accepting means accepts the instruction for the backward reproductionposition skip,

wherein, when the backward-skip deciding means decides that the elapsed time exceeds the predetermined time, the skip-time determining means determines a predetermined first skip time, and

wherein, when the backward-skip deciding means decides that the elapsed time does not exceed the predetermined time, the skip-time determining means determines a second skip time that is shorter than the first skip time.

Claim 19 (Currently Amended) The reproduction apparatus according to claim 18, wherein, when characterized in that if the skip-operation accepting means accepts either the one of the instruction for the forward reproduction-position skip or and the instruction for the backward reproduction-position skip during a temporary stop in by the reproducing means, then the controlling means moves the reading position in from which the reproducing means reads the information from the record recording medium by the skip time determined, for the one of the forward reproduction-position skip and the backward reproduction-position skip, by the skip-

time determining means, and reproduces only-the first information-in from the reading position after the moving of the reading position-movement.

Claim 20 (Currently Amended) The reproduction apparatus according to claim 18, characterized in that:

wherein the reproduction apparatus further includes:[[,]]

_____a forward skip-time storing means for storing the skip time for the forward reproduction-position skip-time in advance, and:
_____a backward skip-time storing means for storing the skip time for the backward reproduction-position skip-time in advance;-and

wherein, when if the skip-operation accepting means accepts the instruction for the forward reproduction-position skip-instruction, the skip-time determining means chooses the skip time for the forward reproduction-position skip-time stored in the forward skip-time storing means, and

wherein, when if the skip-operation accepting means accepts the instruction for the backward reproduction-position skip instruction, the skip-time determining means chooses the skip time for the backward reproduction-position skip time stored in the backward skip-time storing means.

Claim 21 (Currently Amended) The reproduction apparatus according to claim 20, characterized in that wherein the forward skip-time storing means stores, in advance, the skip time for the forward reproduction-position skip, time which is a greater value than the skip time <u>for</u> the backward reproduction-position skip-time stored, in advance, in the backward skip-time storing means.

Claim 22 (Currently Amended) The reproduction apparatus according to claim 20, wherein characterized in that the backward skip-time storing means stores, in advance, the skip time for the backward reproduction-position skip time which is a greater value than the skip time for the forward reproduction-position skip-time stored, in advance, in the forward skip-time storing means.

Claim 23 (Cancelled)

Claim 24 (Currently Amended) The reproduction apparatus according to <u>claim 18</u>, <u>claim 23</u>, <u>characterized in that:</u>

wherein the reproduction apparatus further includes[[,]]:

____a first skip-time storing means for storing the predetermined first skip time in advance, and; and

_____a second skip-time storing means for storing, in advance, the second skip time that is shorter than the first skip time; and,

the skip-time determining means,

wherein, when if the skip-operation accepting means accepts the instruction for the backward reproduction-position skip-instruction and if when the forward skip-operation elapse elapsed time clocked by the forward skip-operation elapse-time clocking means exceeds has exceeded the predetermined time, the skip-time determining means then chooses the first skip

time stored in advance in the first skip-time storing means as the skip time for the backward reproduction-position skip-time, and

wherein, when if the skip-operation accepting means accepts the instruction for the backward reproduction-position skip-instruction and if when the forward skip-operation elapse elapsed time clocked by the forward skip-operation elapse-time clocking means has does not exceed-exceeded the predetermined time, the skip-time determining means then chooses the second skip time stored in advance in the second skip-time storing means as the skip time for the backward reproduction-position skip-time.

Claim 25 (Currently Amended) The reproduction apparatus according to claim 18, characterized in that:

wherein the reproduction apparatus further includes; [[,]]

_____a backward skip-operation elapse-time clocking means for clocking-the_a

backward elapsed time_that has elapsed since a-which elapses after the last instruction has been

accepted-is given for the backward reproduction-position skip, and; and

a forward-skip deciding means for deciding whether or not the backward elapsed elapse time clocked by the backward skip-operation elapse-time clocking means has exceeded

wherein, whenif the forward-skip deciding means decides that the backward elapsed time exceeds the predetermined time-has elapsed, the skip-time determining means determines [[a]]

[[a]] the predetermined time, when if the skip-operation accepting means accepts the instruction

the predetermined first skip time, and

for the forward reproduction-position skip-instruction; and,

wherein, when if the forward-skip deciding means decides that the <u>backward elapsed</u> time does not exceed the predetermined time had not elapsed, the skip-time determining means determines [[a]] the second skip time that is shorter than the first skip time.

Claim 26 (Currently Amended) The reproduction apparatus according to claim 25, characterized in that:

wherein the reproduction apparatus further includes:[[,]]a first skip-time storing means for storing the predetermined first skip time in

_____a second skip-time storing means for storing, in advance, the second skip time that is shorter than the first skip time; and,

the skip-time determining means,

advance, and; and

wherein, when if the skip-operation accepting means accepts the instruction for the forward reproduction-position skip-instruction and if when the backward elapsed-skip-operation elapse time clocked by the backward skip-operation elapse-time clocking means exceeds has exceeded the predetermined time, the skip-time determining means then chooses the first skip time stored in advance in the first skip-time storing means as the skip time for the forward reproduction-position skip-time, and

wherein, when if the skip-operation accepting means accepts the instruction for the forward reproduction-position skip instruction and if when the backward elapsed-skip-operation elapse time clocked by the backward skip-operation elapse-time clocking means has does not exceed exceeded the predetermined time, the skip-time determining means then chooses the

second skip time stored in advance in the second skip-time storing means as the skip time for the forward reproduction-position skip-time.

Claim 27 (Cancelled)

Claim 28 (Cancelled)

Claim 29 (Currently Amended) The reproduction apparatus according to <u>claim 18</u>, <u>claim 28</u>, <u>characterized in that:</u>

wherein the reproduction apparatus further includes:[[,]]

_____a skip-direction storing means for storing-the_a skip direction_last accepted last by the skip-operation accepting means, and; and

_____a skip-number storing means for storing the a number of times that at which the skip-time determining means has determines the second skip time repeatedly determined the second skip time; and,

the skip-time determining means,

wherein, the skip-time determining means determines the second skip time, when if the backward-skip deciding means decides that the elapsed time does not exceed the predetermined time had not elapsed and if when the instruction accepted by the skip-operation accepting means indicates the a skip direction that is opposite to the direction to the skip direction stored in the skip-direction storing means,

wherein the skip-time determining means determines the second skip time, when if the backward-skip deciding means decides that the elapsed time does not exceed the predetermined

time had not elapsed, when if the instruction accepted by the skip-operation accepting means indicates the a same skip direction as the skip direction stored in the skip-direction storing means and when if the number of times stored in the skip-number storing means at which the second skip time is repeatedly determined has not reached a predetermined number of times,

wherein the skip-time determining means determines the first skip time, when-if the backward-skip deciding means decides that the elapsed time exceeds the predetermined time-had elapsed, and

wherein the skip-time determining means determines the first skip time, when-if the backward-skip deciding means decides that the elapsed time does not exceed the predetermined time had not elapsed, when if the instruction accepted by the skip-operation accepting means indicates the same skip direction as the skip direction stored in the skip-direction storing means and when if the number of times stored in the skip-number storing means at which the second skip time is repeatedly determined has reached [[a]] the predetermined number of times.

Claim 30 (Currently Amended) The reproduction apparatus according to claim 18, claim 23, characterized in that:

wherein a reproduction-time clocking means is further provided for clocking the a reproduction time from the a last skip-operation completion time to the a next skip-operation start time; and, and

wherein, when if the next skip operation is the forward reproduction-position skip, the skip-time determining means determines, as the skip time for the one of the forward reproduction-position skip and the backward reproduction-position skip, the a time which is

obtained by subtracting the reproduction time clocked by the reproduction-time clocking means from-either skip time one of the first skip time and the second skip time.

Claim 31 (Currently Amended) The reproduction apparatus according to claim 25, characterized in that:

wherein a reproduction-time clocking means is further provided for clocking the a reproduction time from the a last skip-operation completion time to the a next skip-operation start time; and, and

wherein, when if the next skip operation is the forward reproduction-position skip, the skip-time determining means determines, as the skip time for the one of the forward reproduction-position skip and the backward reproduction-position skip, the a time which is obtained by subtracting the reproduction time clocked by the reproduction-time clocking means from either skip time one of the first skip time and the second skip time.

Claim 32 (Cancelled)

Claim 33 (Currently Amended) The reproduction apparatus according to claim 18, claim 23, characterized in that:

wherein a reproduction-time clocking means is further provided for clocking the a reproduction time from the a last skip-operation completion time to the a next skip-operation start time; and, and

wherein, when if the next skip operation is the backward reproduction-position skip, the skip-time determining means determines, as the skip time for the one of the forward

reproduction-position skip and the backward reproduction-position skip, the a time which is obtained by adding the reproduction time clocked by the reproduction-time clocking means to either skip time one of the first skip time and the second skip time.

Claim 34 (Currently Amended) The reproduction apparatus according to claim 25, characterized in that:

wherein a reproduction-time clocking means is further provided for clocking the a reproduction time from the a last skip-operation completion time to the a next skip-operation start time; and, and

wherein, when if the next skip operation is the backward reproduction-position skip, the skip-time determining means determines, as the skip time for the one of the forward reproduction-position skip and the backward reproduction-position skip, the a time which is obtained by adding the reproduction time clocked by the reproduction-time clocking means to either skip time one of the first skip time and the second skip time.

Claim 35 (Cancelled)

Claim 36 (Currently Amended) A reproduction method, comprising:

a reproducing step of reading information stored in a <u>record recording</u> medium and reproducing this the information;

a skip-operation accepting step of arbitrarily accepting-either one of an instruction for a forward reproduction-position skip-or and an instruction for a backward reproduction-position skip;

a skip-time determining step of making a skip time for-either one of the forward reproduction-position skip and the backward reproduction-position skip longer than [[a]] the skip time for another of the forward reproduction-position skip and the backward reproduction-position skip the other, and determining [[a]] the skip time for one of the forward reproduction-position skip and the backward reproduction-position skip based on-either the one of the instruction for the forward reproduction-position skip and the instruction for the backward reproduction-position skip and the instruction for the backward reproduction-position skip which is accepted in the skip-operation accepting step;-and

a controlling step of, when one of the if either instruction for the forward reproductionposition skip-or and the instruction for the backward reproduction-position skip is accepted
during a reproduction performed by the reproducing step, then stopping the reproduction
performed by the reproducing step, moving the a reading position in, from which the reproducing
step reads the information is read from the record recording medium, by the skip time
determined, for the one of the forward reproduction-position skip and the backward
reproduction-position skip, in the skip-time determining step, and resuming the reproduction
after the moving-movement of the reading position is completed;

a forward skip-operation elapse-time clocking step of clocking an elapsed time that has elapsed since a last instruction has been accepted for the forward reproduction-position skip; and a backward-skip deciding step of deciding whether or not the elapsed time clocked in the forward skip-operation elapse-time clocking step has exceeded a predetermined time, when the skip-operation accepting step accepts the instruction for the backward reproduction-position skip,

wherein, when the backward-skip deciding step decides that the elapsed time exceeds the predetermined time, the skip-time determining step determines a predetermined first skip time, and

wherein, when the backward-skip deciding step decides that the elapsed time does not exceed the predetermined time, the skip-time determining step determines a second skip time that is shorter than the first skip time.

Claim 37 (Currently Amended) A <u>non-transitory</u> computer-readable <u>recording-record</u> medium <u>having-in which</u> a reproduction program <u>recorded thereon is stored</u>, the reproduction <u>program causing-allowing</u> a computer to function as:

a reproducing means for reading information stored in a record recording medium and reproducing this the information;

a skip-operation accepting means for arbitrarily accepting-either one of an instruction for a forward reproduction-position skip-or and an instruction for a backward reproduction-position skip;

a skip-time determining means for making a skip time for-either one of the forward reproduction-position skip and the backward reproduction-position skip longer than [[a]] the skip time for another of the forward reproduction-position skip and the backward reproduction-position skip-the other, and determining [[a]] the skip time for one of the forward reproduction-position skip and the backward reproduction-position skip based on-either the one of the instruction for the forward reproduction-position skip and the instruction for the backward reproduction-position skip which is accepted by the skip-operation accepting means; and

a controlling means for, when if the skip-operation accepting means accepts either one of the instruction for the forward reproduction-position skip or and the instruction for the backward reproduction-position skip during a reproduction-in by the reproducing means, then stopping the reproduction-in by the reproducing means, moving the a reading position, from in which the reproducing means reads the information from the recording record medium, by the skip time determined, for the one of the forward reproduction-position skip and the backward reproduction-position skip, by the skip-time determining means, and resuming the reproduction after the moving movement of the reading position is completed;

a forward skip-operation elapse-time clocking means for clocking an elapsed time that

has elapsed since a last instruction has been accepted for the forward reproduction-position skip;

and

a backward-skip deciding means for deciding whether or not the elapsed time clocked by
the forward skip-operation elapse-time clocking means has exceeded a predetermined time, when
the skip-operation accepting means accepts the instruction for the backward reproductionposition skip,

wherein, when the backward-skip deciding means decides that the elapsed time exceeds
the predetermined time, the skip-time determining means determines a predetermined first skip
time, and

wherein, when the backward-skip deciding means decides that the elapsed time does not exceed the predetermined time, the skip-time determining means determines a second skip time that is shorter than the first skip time.